

MATERIAL SAFETY DATA SHEET

INDUSTRIAL SOAP CO.
2930 MARKET ST. LOUIS MO
63103

7930-001-00Z
INFORMATION # 314-241-6363 8:00-5 CST

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT NAME: FANFARE ISC
PRODUCT CLASS: AEROSOL WINDOW CLEANER
DATE PREPARED: 4/17/91
ITEM # : 49 STATE

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:HMIS RATING :
:HEALTH 2 :
:FLAMMABILITY 4 :
:REACTIVITY 1 :
:P.P.EQUIPMENT H :
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SECTION 2 HAZARDOUS INGREDIENTS

INGREDIENT	CAS#	ACGIH	OSHA	OTHER	% OPTIONAL
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2		25 PPM		<10
ISOPROPANOL	67-63-0		400 PPM		<10
AMMONIA	7664-41-7		50 PPM		<1
TRIETHANOLAMINE	102-71-6		N/E*		<1
PROPANE/ISOBUTANE	68476-86-8		900 PPM		<10

*N/E - NOT ESTABLISHED.

THIS PRODUCT CONTAINS AMMONIA WHICH IS SUBJECT TO THE REPORTING REQUIREMENTS OF SARA 111.

SECTION 3 PHYSICAL DATA

BOILING POINT : 176 F CONC. -43 PROP.	PERCENT VOLATILE : 98%
VAPOR PRESSURE : 58 PSIG @ 70 F	VOC (GRAM/LITRE) : 198
VAPOR DENSITY : HEAVIER THAN AIR	EVAPORATION RATE : SLOWER THAN B-ACETATE
SPECIFIC GRAVITY : .92	SOLUBILITY IN WATER : COMPLETE
VISCOSITY : THIN LIQUID	APPEARANCE : SLIGHTLY MILKY
ODOR : AMMONIA/ALCOHOL	

SECTION 4 FIRE AND EXPLOSION DATA

FLASH POINT : -156 F PROPELLANT
EXPLOSIVE LIMITS LOWER : 1.8 % UPPER : 9.5%
EXTINGUISHING MEDIA : CO2 , DRY CHEMICAL , HALON

HAZARDOUS DECOMPOSITION BYPRODUCTS : OXIDES OF NITROGEN AND CARBON

FIRE FIGHTING PROCEDURES : WATER FOG MAY BE USED TO HELP COOL THE CANS TO PREVENT OVERPRESSURIZATION. EXPLODING CANS MAY TRAVEL GREAT DISTANCES SPEWING FLAMMABLE MATERIAL. VAPORS ARE HEAVIER THAN AIR AND WILL TRAVEL ALONG THE GROUND TO SOURCES OF IGNITION. USE CAUTION WHEN VENTILATING THE AREA WHERE AEROSOLS ARE STORED. VENTILATE LOW LYING AREAS BEFORE ENTERING. WEAR THE NECESSARY PROTECTIVE GEAR WHEN FIGHTING FIRES INVOLVING AEROSOLS.

SECTION 5 REACTIVITY DATA

STABILITY : NORMALLY STABLE

INCOMPATIBILITY : HEAT , SOURCES OF IGNITION, DIRECT SUNLIGHT

HAZARDOUS POLYMERIZATION : WILL NOT OCCUR

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SECTION 6 HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LEVEL (TLV) : 25 PPM (GYLCOOL ETHER EB)

ACUTE EFFECTS

EYES :CAN CAUSE SEVERE IRRITATION , REDNESS , TEARING , BLURRED VISION ,
SLIGHT CHANCE FOR TRANSIENT CORNEAL DAMAGE.

SKIN :PROLONGED OR REPEATED CONTACT CAN RESULT IN IRRITATION , DERMITITUS.

BREATHING :BREATHING OF THE MIST OR VAPORS CAN CAUSE NASAL AND RESPIRATORY
IRRITATION , DIZZINESS , HEADACHE , FATIGUE , NAUSEA. EXCESSIVE OVER EXPOSURE
CAN CAUSE UNCONSCIOUSNESS AND DEATH.

INGESTION :NOT LIKELY WITH THE NATURE OF AEROSOLS. IF INGESTION OF LARGE
AMOUNTS OCCURS IT CAN CAUSE GASTROINTESTINAL IRRITATION AND VOMITING.

CHRONIC (LONG TERM)

TARGET ORGAN/SYSTEMATIC EFFECTS :OVEREXPOSURE TO THE RAW MATERIALS USED IN
THIS PRODUCT HAVE BEEN FOUND TO CAUSE THE FOLLOWING EFFECTS IN LAB ANIMALS:
LIVER ABNORMALITIES , KIDNEY DAMAGE , BLOOD ABNORMALITIES.

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FIRST AID

EYES : IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER, SEEK MEDICAL ATTENTION
AS PERMANENT DAMAGE CAN OCCUR IF ACCIDENT REMAINS UNTREATED.

SKIN : WASH WITH SOAP AND WATER. LAUNDER CLOTHING BEFORE REUSE. SEEK MEDICAL
ATTENTION IF IRRITATION DEVELOPS AND PERSISTS.

BREATHING :KEEP VICTIM QUIET. REMOVE PERSON TO FRESH AIR. IF BREATHING HAS
STOPPED GIVE ARTIFICIAL RESPIRATION AND SEEK MEDICAL ASSISTANCE.

INGESTION :DO NOT INDUCE VOMITING. CALL A PHYSICIAN OR POISON CONTROL CENTER
FOR TREATMENT GUIDELINES.

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SECTION 7 PRECAUTIONS FOR STORAGE AND DISPOSAL

SMALL SPILLS : ALWAYS WEAR THE NECESSARY PROTECTIVE GEAR WHEN HANDLING
ANY SPILL. ABSORB WITH INERT MATERIAL AND DISPOSE IN TRASH.

LARGE SPILLS : DRYE AREA TO PREVENT RUNOFF FROM ENTERING GROUND WATER SYSTEMS.
VENTILATE AREA TO REDUCE THE FLAMMABILITY HAZARDS. TRANSFER SPILL TO
CONTAINERS DESIGNED FOR HOLDING HAZARDOUS WASTE. CONTACT APPROPRIATE LOCAL ,
STATE , AND FEDERAL AGENCIES AS PER SARA III AND EPA GUIDELINES.

STORAGE PRECAUTIONS : STORE BETWEEN 40 AND 120 F. AVOID HEAT SOURCES AS THESE
MAY CAUSE THE CANS TO EXPLODE. DO NOT USE DEFORMED OR DAMAGED CANS. KEEP OUT
OF THE REACH OF CHILDREN. CONSULT THE LOCAL FIRE MARSHALL AND INSURANCE
REPRESENTATIVES FOR YOUR LOCAL STORAGE REQUIREMENTS PER NFPA 308.

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SECTION 8 TRANSPORTATION AND REGULATORY INFORMATION

PROPER SHIPPING NAME : CONSUMER COMMODITY ORM-D
DOT PLACARD/LABEL : CONSUMER COMMODITY ORM-D
PROPELLANT : PROPANE/ISOBUTANE.
CONTAINER SIZE : 19 OZ. CASE SIZE : 12
CONTAINER WT. : 1.5 LBS. CASE WT. : 18 LBS.
SARA III REPORTABLE QUANTITY : 1000 LBS.
NFPA 308 CLASSIFICATION : LEVEL 1

SECTION 9 HANDLING PRECAUTIONS

VENTILATION : GENERAL AIRFLOW SHOULD BE ACCEPTABLE DURING NORMAL USE. IF USING IN CONFINED AREAS USE ADDITIONAL VENTILATION IF TLV IS EXCEEDED.

RESPIRATORY PROTECTION : NONE NEEDED DURING NORMAL USE.

SKIN PROTECTION : USE CHEMICAL RESISTANT GLOVES IF THE POSSIBILITY FOR EXTENDED CONTACT EXISTS DURING USE.

EYE PROTECTION : WEAR CHEMICAL GLASSES

DISCLAIMER

THE FOREGOING INFORMATION HAS BEEN COMPILED FROM SOURCES BELIEVED TO BE ACCURATE, BUT IS NOT WARRANTED TO BE. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF THE NEED THAT THE DATA IS CORRECT, APPLICABLE AND SUITABLE TO THEIR CIRCUMSTANCES. STANDARDS CHANGE WITHOUT NOTICE, IT IS THE RESPONSIBILITY OF THE RECIPIENT TO ASSURE THAT THEIR PERSONNEL AND CUSTOMERS HAVE BEEN PROVIDED WITH THIS INFORMATION AND DATA. THE DATA ON THIS MSDS IS NOT INTENDED TO BE USED AS SPECIFICATIONS, ONLY AS A GUIDELINE TO INFORM THE PUBLIC AS TO THE SAFE USE OF THIS PRODUCT. THE USER SHOULD REFER TO OSHA, STATE, AND LOCAL SAFETY LAWS BEFORE USE.

DATE: 4/17/91